

Mexican Compositae from Mrs. Abbott.

18. *Vernonia pallens* Sch. Bip.
43. *Liabum adenotrichum* Greenm. ? A parently this species and if so a big extension north from Oaxaca. Please get branch with leaves.
54. *Aster lima* Lindl.
57. *Dyssodia Seleri* Robins. & Greenm. Second known collection. Originally collected near Cuernavaca. A good find!
- 57A. equal 57.
58. *Trixis longifolia* Don var. *sericea* Rob. & Greenm. Rare.
59. *Trixis megalophylla* Greenm. Second known collection. Please recollect from other stations.
64. *Eupatorium macrophyllum* L. Rare in Mexico. How large do the leaves get on your local plant. Are the inflorescences ever strictly terminal?
66. *Alomia* sp.? A very interesting species which may well be new. Please recollect a generous plant with slightly more mature heads to show good ripe achenes.
67. *Stevia trifida* Lag.
68. *Senecio salignus* DC.
- 68A. " "
70. unrecognized. Interesting but too fragmentary and scanty.
78. *Tagetes subulata* Llav. & Lex.
- 80.. *Senecio cinerarioides* HBK.
83. *Senecio* sp. Very interesting and a beautiful specimen. Our material of this group is away on loan. I will report later when I can make comparisons.
84. *Calea integrifolia* (DC.) Hemsl.
86. *Perezia cuernavacana* Rob. & Greenm. Second known collection and like no. 57 formerly known only from near Cuernavaca. Please recollect to show the wooly base of stem and give notes of habit of growth and height of plant.
88. *Vernonia Salviniae* Hemsl.
89. *Eupatorium Mairretianum* DC.
91. " "
92. " "
93. " "
94. " "
102. *Fleischmannia arguta* (HBK.) Robinson
103. *Brickellia squarrosa* (Cav.) Robins.
106. *Eupatorium* sp. Interesting please collect in more mature state. This genus is awful. There are an endless number of species and none of them very sharp and clean cut. Only well prepared specimens showing mature florets and seed can be named.

Mexican Plants from Mrs. Abbott
received March 1936.

41. *Cnodoscolus cordifolius* (Pax) Johnston ?
Please recollect this plant. Get a good branch showing leaf-attachment, mature leaves and flowers. I suspect it is an undescribed species.
42. *Exogonium bracteatum* (Cav.) Choisy
44. *Acacia Farnesiana* (L.) Willd.
45. *Iresine interrupta* Benth. Not yet in flower.
46. *Diphysa racemosa* Rose same as no. 27.
47. *Serjania racemosa* Schum. same as no. 32.
48. *Bursera jorullensis* (HBK.) Engler
49. *Justicia salviaeflora* HBK.
50. *Loeselia glandulosa* Don
51. *Tibouchina tringlei* Rose
52. *Salvia regia* Cav. This should be in the Harvard Tropical garden in Cuba. Can you get some seeds for me?
53. *Salvia* sp. All our Mexican *Salvias* are away on loan. Without material for comparison I can't name your specimens in this huge and difficult genus. I shall report on your *Salvias* later.
55. *Anagallis arvensis* L.
56. *Asclepias glaucescens* HBK.
60. *Eranthemum fasciculatum* Oerst. An interesting species please recollect it in better condition.
61. *Exogonium argentifolium* (Rich.) House. None of our Mexican collections show the mature foliage. Can you collect a leafy stem to be added to your collection?
62. *Castilleja longiflora* Kuntze
63. *Russelia cuneata* Robins. A rare local species. Yours is the second one we have ever received. Please make some more and better collections of it.
65. *Elytraria squamosa* (Jacq.) Lindau
69. *Salvia* sp.
71. *Justicia salviaeflora* HBK.
72. *Lantana vulatina* M. & G. ?
73. *Loeselia glandulosa* Don.
74. *Lopezia pubescens* HBK. Watch for more kinds of this remarkable genus. It is now being monographed by Prof. Munz.
75. *Clerodendron fragrans* Vent.
76. *Jussiaea suffruticosa* L.
77. *Euphotbia ligustrina* Boiss. Please recollect to show fruit.
79. *Aeschynomene petraea* Robinson.
81. *Cunila pycnantha* Rob. & Greenm.
- 81A. " "
82. *Lobelia laxiflora* HBK.
85. *Ardisia compressa* HBK.? Flowers needed for final identification
87. *Clothra lanata* Mart. & Gal.
95. *Phyllonoma laticuspis* (Turcz.) Engler. A remarkable and very famous plant. Much has been written as to how and why the flowers are borne upon the leaf. Please do try to obtain seeds so that I can send them to Cuba for growing there. Furthermore I would be very grateful for more specimens some to be used for laboratory demonstration. The plant has not been collected any great number of times, particularly in Mexico. You made a good find!

- 96. *Loeselia glandulosa* Don.
- 97. *Thevetia thevetioides* (HBK) Schum.
- 98. *Piper* sp. This genus is too much for me
- 99. *Serjania mexicana* Willd. Probably this species but fruit is
needed to make certain.
- 100. *Inga eriocarpa* Benth.
- 101. Unrecognized member of the Acanthaceae. A very interesting specie
upon which I shall report later.
- 104. *Salvia* sp.
- 105. *Salvia* sp.

Key. C. C. C.
Aug. 3, '37.

- 172 comp.
- 173 *Anoda hastata* Cav.
- 174 *Sida* sp. Specimen too poor for naming.
- 175 comp.
- 176 *Gnaphalium chartaceum* Greenm.
- 177 *Salvia*
- 178 ~~comp~~ *Lagarcea rigida* (Cav.)
- 179 *Dodonaea viscosa* Jacq.
- 180 ~~leg~~ *Tephrosia* sp. ? If a new species. Please get flowers.
- 181 ~~leg~~ *Rhynchosia discolor* Mart. & Gal.
- 182 *Rhus schmidelioides* Schl. rare
- 183 *Bidens pilosa* L.
- 184 *Loeselia glandulosa* Don
- 185 *Loeselia glandulosa* Don.
- 186 ~~comp~~ *Baccharis mucronata* HBK.
- 187 comp
- 188 *Smilax Pringlei* Greenm. (= no. 110)
- 189 ~~melast~~ *Miconia penetorum* Naud. (= no 118)
- 190 ~~eric~~ *Gaultheria ludalgensis* Loesener.
- 191 ~~eric~~ " " "
- 192 *Borago officinalis* L.
- 193 ~~comp~~ *Callisia Martensiana* Oerst. Please collect again in fruit. Can you get seeds for growing?
- 194 *Loeselia glandulosa* Don
- 195 *Oreopanax xalapensis* (HBK.) Dec. & Fl.
- 196 melastome, Flowers needed for identification
- 197 ~~melast~~ *Monochaetum Pringlei* Rose
- 198 lab
- 199 *Salvia*
- 200 orchid

- 201 orchid
- 202 ⁿMonina ~~X~~alapensis HBK
- 203 lab.
- 204 ~~comp~~ Vernonia Alamani DC. (= no 88!)
- 206 -
- 206 Oxalis divergens Benth.
- 207 Oxalis lunulata Zucc. Please collect again & more generously.
- 208 Hypoxis sp. Mature fruit needed in this genus for identification.
- 209 ~~leg~~ Bromelia Benthamiana Hemsl.
- 210 Solanum macrocarpum Donal.
- 211 ~~leg~~ Bromelia abbotii new species (cf. no. 315)
- 212 ~~leg~~ Mimosa sp. Fruit needed
- 213 ~~leg~~ Colgania procumbens H. & B.
- 214 Indigofera sp. Interesting. Please collect larger plant and fruit.
- 215 -
- 216 ~~leg~~ Bouvardia multiflora (HBK.) Schult.
- 217 Euphorbia sphaerorrhiza Benth. I would be glad to get more of this.
- 218 ~~comp~~ Baccharis pteronioides DC.
- 219 ~~Dodonaea~~ Calliandra portoricensis Jagg./Benth.
- 220 Dodonaea verrucosa Jagg.
- 221 Sisyrinchium tenuifolium H. & B.?
- 222 ~~shrub~~ unrecognized. This is the ~~the~~ male form of a unisexual shrub. Please try to get the female plant with fruit.
- 223 Styrax Ramirezii Greenm.
- 224 orchid
- 225 Hypoxis sp. cf. no. 208
- 226 Calliandra Houstoniana (Mill.) Standl.
- 227 Acalypha longispicata Muell. Arg. Rare. Please collect with mature fruit.
- 228 Acalypha oreopala Greenm.
- 229 Acalypha Siebmanniana Muell. Arg.
- 230 Acalypha oreopala Greenm.
- 231 Solanum sp. Please collect more of this. Where and how does it grow?

- 232 *Maurandia* *erubescens* (Don) Gray
- 233 *Viola* *reptans* Robins.? Please keep collecting violets
- 234 *Oxalis* *morelosensis* Knuth Please recollect for underground parts.
- 235 ~~inid~~ *Isidacea*. Very interesting. Please collect again for base of plant & more flowers. also ripe fruit.
- 236 comp.
- 237 *Thalictrum* *grandiflorum* Rose } Please watch this genus. Good specimens from Mexico are very desirable and much needed. How high does the plant grow; are the plants unisexual?
- 238 *Thalictrum* *grandiflorum* Rose }
- 239 ~~III~~ *Echeandria* *macrocarpa* Greenm. (= no. 160, sub *anthemicum*)
- 240 ~~III~~ *Milla* *biflora* Cav.
- 241 *Euphorbia* *hirta* L.
- 242 *Kyllingia* *brevisolia* Rottb.
- 243 *Cuphea* *squamuligera* Koehne
- 244 ~~unbol~~ *Prinosciadium* *Nelsoni* Coul. & Rose? Basal leaves and fully formed fruit needed for exact identification
- 245 *Malpighiaceae* Fruit needed for identification in this family
- 246 ~~myrt~~ *Psidium* *sartorianum* (Berg) Niedenz.
- 247 *Lantana* *camara* L.
- 248 *Crotalaria* sp. Please try to collect this with fruit.
- 249 *Crotalaria* *eriocarpa* Benth.
- 240 *Croton* sp. Very interesting. Please collect with fruit.
- 251 *Waltheria* *americana* L.
- 252 *Gomphrena* *dispersa* Standley red colored form
- 253 *Gomphrena* *dispersa* Standley white form
- 254 ~~rub~~ *Richardia* *hispida* L.
- 255 ~~apoc~~ *Mandevilla* *foliosa* (Muel. Arg.) Hemsl.
- 256 ~~comp~~ *Tridax* *procumbens* L.
- 257 *Solanum* sp. Very interesting Please collect more of this and send some notes.
- 258 *Evolvulus* *alsinoides* L.
- 259 orchid
- 260 ~~asclap~~ *Gonolobus* *pilosus* Benth.
- 261 *Desmodium* *sericophyllum* Schl.

- 262 Comp
- 263 Heliotropium *limbatum* Benth
- 264 Boerhaavia
- 265 ~~Brava~~ *Brava geminiflora* Flac. & Lea? Please get more to show base of plant and nature of fruit.
- 266 Stenophyllus *capillaris* (L.) Britt.
- 267 ~~comp~~ *Sponaea muricata* Cav.
- 268 ~~comp~~ *Tridax coronopifolia* Hemsl.
- 269 ~~comp~~ " " "
- 270 Hypericum sp. specimen too poor for naming
- 271 Juncus *microcephalus* HBK.
- 272 Desmodium *angustifolium* (HBK.) DC
- 273 Dahlia *variabilis* Desf.
- 274 Manihot *angustiloba* (Torr.) Muell. Arg.
- 275 ~~comp~~ *Tradescantia macrophylla* Greene. Please get this in fruiting state. A rare plant.
- 276 ~~irid~~ *Nemostylis versicolor* Wats. - very interesting find!
- 277 ~~rub~~ *Borreria verticillata* (L.) Mey.
- 278 Cuphea *Wrightii* Gray
- 279 Valeriana *sorbyfolia* HBK.
- 280 Euphorbia *sphaerocarpa* Benth.
- 281 ~~malv~~ *Abutilon crispum* (L.) Don.
- 282 Paspalum *plicatulum* Mchx. Grass specimens must be generous & show base of plant.
- 283 Desmodium *orbiculare* Schl.
- 284 ~~app~~ *Kyllingia* sp. specimens of Cyperaceae must be generous & show base
- 285 Cuphea sp., perhaps *C. heterophylla* Benth. Can you collect this again?
- 286 ~~acanth~~ *Dyschoriste angustata* (Gray) Small. Please collect more of this.
- 287 ~~commel~~ *Commelina*
- 288 ~~commel~~ *Commelina*
- 289 ~~commel~~ *Commelina*
- 290 ~~acanth~~ = no. 369
- 291 Galinsoga *parviflora* Cav.
- 292 ~~verb~~ *Physodium dubium* Hemsl. I would like seeds of this for the Bot. Garden in Cuba.

- 293 *Martynia annua* L.
- 294 ~~Indigofera~~ *Indigofera* sp. Very interesting. Please do get it with fruit.
- 295 *Hybanthus mocinoanus* (Ktze) Morton
- 296 *Conyza sophiaefolia* HBK.
- 297 ~~Is~~ *Nissolia hirsuta* DC
- 298 *Cassia* sp. Fruit needed and also leaves showing stipules.
- 299 ~~Is~~ *Heimia salicifolia* Link.
- 300 ~~comp~~ *Otopappus Pringlei* (Greenm.) Blake
- 301 comp.
- 302 *Talinum patens* Willd.
- 303 *Cassia leptocarpa* Benth.
- 304 ~~comp~~ *Melampodium microcephalum* L. ? please collect more of this plant.
- 305 ~~mult~~ *Bunchosia Palmeri* Wats.
- 306 *Zinnia pauciflora* L.
- 307 *Cuphea* sp. (will report later) Very interesting. Would like to see more collected.
- 308 ~~rub~~ *Chiococca alba* (L.) Hitchc.
- 309 ~~vera~~ *Bonchea prismatica* (Jacq.) Ktze.
- 310 ~~comp~~ *Melampodium americanum* L. (= no 70)
- 311 *Croton morifolius* HBK.
- 312 ~~comp~~ *Achimenes grandiflora* DC. Please collect this again in abundance. Get whole of plant, extra flowers & notes on habit & habitat.
- 313 ~~comp~~ *Melampodium divaricatum* (Rich.) DC.
- 314 *Salvia*
- 315 ~~art~~ *Urticaceae*
- 316 *Jussoua suffruticosa* L.
- 317 ~~Ruellia~~ *Dyschoriste ovata* (Cav.) Ktze.
- 318 ~~phyl~~ *Pivina humilis* L.
- 319 ~~leg~~ *Eysenhardtia polystachya* (Ort.) Sarg.
- 320 *Lantana adyranthifolia* Desf.
- 321 ~~comp~~ *Sanvitalia procumbens* Lam.
- 322 ~~spec~~ unrecognized Please collect copious specimen with flowers and fruit.
- 323 *Ipomoea dimorphophylla* Greenm.

324 *Satureja* sp.? Fruit absolutely necessary for naming!

325 *Euphorbia nutans* Lag.

326 ~~leg~~ *Nissolia hirsuta* DC

327 ~~comp~~ *Villanova pratensis* (HBK.) B & H

328 *Ipomoea* sp. Very interesting. I can't place it. Please collect it again with fruit as well as flowers. Some notes on habit & habitat would help. Is it cultivated?

- 329 *Salvia*
- 330 ~~comp~~ *Iostephane heterophylla* (Don) Benth
- 331 *Desmodium strobilaceum* Schl.
- 332 - NO specimen received
- 333 *Tephrosia affinis* Wats.
- 334 ~~amb~~ *Prinosciadium diversifolia* Coulter & Rose? (see note under no. 244)
- 335 *Passiflora suberosa* L.
- 336 ~~malp~~ *Gaudichaudia pentandra* Juss.
- 337 *Cuphea Koehneana* Rose
- 338 ~~leg~~ *Acacia felicoides* (Cav.) Trel. No fruit, but probably this ^{species}
- 339 *Fuchsia thymifolia* HBK.
- 340 ~~Cela~~ *Zexmenia helianthoides* Gray
- 341 comp.
- 342 comp.
- 343 ~~Didym~~ *Cosmos scabiosoides* HBK.
- 344 *Euphorbia biformis* Wats.
- 345 ~~scel~~ *Metastelma angustifolium* Turcz.? Please get more of this.
- 346 ~~comp~~ *Pinaropappus rostratus* Less.
- 347 unrecognized. I can't place this even as to family. Please collect this in fruit. Is it a vine or tree? ~~get a~~ ^{get a} good sheet of material.
- 348 ~~Ophe~~ ~~Bapt~~. *Pignueria trinervia* Cav.
- 349 *Ipomoea* sp. Please collect again for more flowers and mature fruit. Is it cultivated?
- 350 *Salvia*
- 351 ~~leg~~ *Bogneria abbotiae* Jtn.
- 352 ^u
~~A~~ *Marandia Barclayana* Lindl.
- 353 *Senecio*
- 354 ~~Amary~~ *Amorphidaceae*. Is this a small or large plant. Does it have a bulb. Please collect more of it.
- 355 *Ageratum salicifolium* Hemsl.
- 356 ~~comp~~ *Heterospermum pennatum* Cav.
- 357 *Tagetes micrantha* Cav.
- 358 *Solanum macrantherum* Dunal
- 359 ~~comp~~ *Mulleia quinqueflora* L.

- 360 ~~rub.~~ *Crusea hispida* (Mill.) Robins.
 361 *Stevia canescens* HBK.
 362 ~~Scheuchzeria~~ *Florestina pedata* Cav.
 363 ~~rub.~~ *Bouvardia* sp.? Please try to get fruit.
 364 ~~rub.~~ *Cabochortus Tringleyi* Robins.
 365 ~~Galera~~ *Zexmenia* sp.
 366 ~~caecum~~ *Schizocarpum* sp. Very interesting! Please collect it again for mature fruit, and male as well as female flowers. Is it common?
 367 ~~Galera~~ *Otopappus Frenckleyi* (Greenm.) Blake
 368 *Crotalaria lupulina* HBK.
 369 ~~Lobelia~~ *Carlownrightia* sp.? Very interesting; please collect in fruit.
 370 ~~convolv.~~ *Quamoclit coccinea* (L.) Moench.
 371 *Ipomoea horvutula* Jacq.
 372 *Salvia*
 373 *Bidens pilosa* L.
 374 *Acalypha mollis* HBK? Too young
 375 *Cassia pilifera* Vogel Rare. Collect in fruit please.
 376 ~~convolv.~~ *Tradescantia disgrega* Kunth. Please collect more of this.
 377 *Desmodium linearifolium* DC.
 378 ~~Bidens~~ *Cosmos sulphureus* Cav.
 379 *Ipomoea* sp. Very interesting. Please make copious collection with flowers & fruit.
 380 *Euphorbia dentata* Michx.
 381 *Phaseolus* sp.) The specimens of this difficult genus must be copious
 382 *Phaseolus* sp.) and have fruit and plenty of flowers, and root.
 383 ~~scroph.~~ *Castilleja tenuifolia* Mart. & Gal.
 384 *Ageratum Houstonianum* Miller
 385 *Ageratum* "
 386 *Polygala glaberrima* HBK.
 387 ~~rub.~~ *Liliacea*. I can't place this plant. Please tell me something about it. Does it have a bulb? How high does it grow? Is it a large plant?
 388 ~~Galera~~ *Zexmenia crocea* Gray
 389 *Cassia stenocarpa* Vogel

- 390 Dalea sp. Specimen fragmentary.
 391 ~~Quercus~~ ~~lit~~ Sponsoea purga Hayne
 392 Tagetes subulata Cav. & Less.
 393 ~~campan~~ Gloxinia glabrata Zucc. Please collect more of this.
 394 ~~III~~ Bessera elegans Schultes
 395 orchid
 396 ~~Bidens~~ Dahlia variabilis Desf.
 397 Tagetes lucida Cav.
 398 Calea verticifolia (Mill.) DC.
 399 ~~comp~~ Otopappus Pringlei (Greenm.) Blake
 400 Desmodium nicaraguense Oerst.
-

Orchids have been reported by Prof. Ames.

Compositae
Labiatae) will be reported later. They are being
 examined by specialists.

- 401 ~~comp~~ *Simsia lagascaeformis* DC.
- 402 ~~comp~~
- 403 ~~comp~~ *Sclerocarpus uniserialis* (Hook.) B. & H.
- 404 ~~comp~~ *Pachyrrhizus angulatus* Rich.
- 405 ~~comp~~ *Pittacanthus calyculatus* (DC.) Don
- 406 *Heliotropium indicum* L.
- 407 ~~comp~~ *Aeschynomene* sp.? no fruit.
- 408 ~~comp~~ *Ryssochia tagetiflora* Lag.
- 409 *Cissus* *rhombifolia* Vahl.
- 410 *Cardiospermum* *halicacabum* L.
- 411 *Dalea* sp. (= *Parosela Holwayi* Rose)
- 412 *Polygala* *albouriana* Chodat
- 413 *Euphorbia* *dioscorioides* Boiss.
- 414 ~~comp~~ *Melampodium*
- 415 comp
- 416 ~~comp~~ *Zexmenia crocea* Gray.
- 417 *Cassia* *Nelsoni* Rose Rare - try to get better specimens.
- 418 *Solanum* *Grayi* Rose
- 419 ~~comp~~ *Lennea caerulea* Forst. rare and very interesting!
- 420 *Melochia* *pyramidata* L.
- 421 *Ipomoea* *pedatisecta* Mart. & Gal.
- 422 ~~comp~~ *Kalkitroemia grandiflora* Torr.
- 423 ~~comp~~ *Borreria laevis* (Lam.) Griseb.
- 424 ~~comp~~ *Florestina pedata* Cav.
- 425 *Gomphrena* *nitida* Rothr.
- 426 ~~comp~~ *Clytraria squamosa* Jacq. / Lindau - Acanthaceae
- 427 *Dalea* sp. (= *Parosela spiciformis* Rose) - rare
- 428 ~~comp~~ *Tridax coronopifolia* Hemsl.
- 429 *Priva* *lappulacea* (L.) Pers.
- 430 *Euphorbia* *lasiocarpa* Klatzsch

- 431 ~~strob~~ *Gyclanthera* sp. Fruiting material needed.
- 432 *Heliotropium procumbens* Miller
- 433 *Euphorbia dentata* Michx? seeds needed for certain identification
- 434 ~~leg~~ *Cassia ornithopoides* Lam.
- 435 ~~convolvulus~~ *Oserculina rubicunda* House
- 436 *Euphorbia heterophylla* L.
- 437 ~~gopher~~ A mature: corolla *fachimenes* & stem and leaves of *Urticaceae*
- 438 ~~comp~~ *Rhusodia tagetiflora* Lag.
- 439 ~~comp~~ *Melampodium*
- 440 ~~comp~~ *Montanoa subtruncata* Gray? no fruit.
- 441 ~~leg~~ *Acacia* sp. interesting Canyon get more of this?
- 442 *Euphorbia colorata* Engelm.
- 443 ~~comp~~ *Dahlia* perhaps *D. tenuis* (better specimens needed as well as notes on size, shape & underground parts of living plant.)
- 444 *Clematis grossa* Benth.
- 445 comp
- 446 ~~comp~~ *Malleria quinqueflora* L.
- 447 ~~comp~~ *Schubertia virgata* DC.
- 448 *Hyptis* (sent to specialist)
- 449 *Phytolacca octandra* L.
- 450 ~~leg~~ *Canavalia villosa* Benth. get fruit
- 451 *Stevia* sp.
- 452 ~~Convolvulus~~ *Sponoea parviflora* (HBK.) Don? - collect more flowers.
- 453 ~~Convolvulus~~ *Sponoea* sp. Is this a vine or tree? Please collect it again.
- 454 ~~comp~~ *Zexmenia crocea* Gray
- 455 ~~comp~~ *Ottolappus Pringlei* (Greenm.) Blake.
- 456 ~~comp~~ *Hymenostaphis*
- 457 ~~comp~~ 456bis ~~convol~~ *Quamoclit lobata* (Cav.) House
- 457 *Dalea nigra* Mart. & Gal. (= no. 390)
- 458 *Dalea eroides* Benth.
- 459 *Mimosa alba* Humb. & Bonpl.
- 460 ~~leg~~ *Phaseolus anisotrichus* Scheele
- 461 *Desmodium Pringlei* Wats.

- 462 Desmodium *nicaraguense* Aerst.
 463 ~~Proelionia~~ *Iresine Celosia* L.
 464 Acalypha sp. Very interesting plant. Please try to collect with fruit.
 465 Euphorbia *graminea* Jacq.
 466 Desmodium *macrostachyum* Hemsl.
 467 ~~Desmodium~~ *Aeschynomene americana* L.
 468 ~~Alomia~~ *Alomia*?
 469 ~~Echinopepon~~ *Echinopepon Pringlei* Rose? Fruiting material needed.
 470 ~~Rouliniella~~ *Rouliniella ligulata* Benth
 471 Dioscorea *remotiflora* Kunth ♂
 472 Boussingaultia *ramosa* Hemsl.
 473 ~~Mandevilla~~ *Mandevilla foliosa* (Muell. Arg.) Hemsl.
 474 ~~Buddleia~~ *Buddleia sessiliflora* HBK.
 475 Euphorbia *geniculata* Ortega
 476 Salvia (sent to specialist)
 477 ~~Gronovia~~ *Gronovia longiflora* Rose - rare and very interesting.
 478 Dioscorea *remotiflora* Kunth ♀
 479 Chiococca *alba* (L.) Hitchc.
 480 Phytolacca *octandra* L.
 481 ~~Zexmenia~~ *Zexmenia*
 482 ~~Rynodhia~~ *Rynodhia tetragyna* Lag
 483 Brickellia sp.
 484 ~~Loeselia~~ *Loeselia pumila* (Mart. Gal.) Walp.
 485 ~~Verbesina~~ *Verbesina*, apparently a new species: mature fruit needed.
 486 ~~Phaseolus~~ *Phaseolus* sp. (fruit needed)
 487 Tournefortia *mutabilis* Vent.
 488 ~~Tithonia~~ *Tithonia tubaeformis* Cass.
 489 ~~Montanoa~~ *Montanoa grandiflora* (DC.) Sch. Bip.
 490 ~~Dicliptera~~ *Dicliptera Pringlei* Greenm.
 491 comp
 492 ~~Fymenostephan~~ *Fymenostephan*
 493 ~~comp~~ *Rhyssalepis*

494 comp

495 ~~comp~~ *Verbesina greenmani* Urban496 ~~solan~~ *Borplandia geminata* Cav.497 *Tephrosia vicioides* (Schl.) Kuntze498 ~~comp~~ *Vernonia capreaefolia* (Sch. Bip.) Gleason499 *Eupatorium odoratum* L.

499 comp 500

501 ~~499b~~ ~~serp~~ *Lamoureauxia viscosa* HBK.502 *Hyptis* (sent to specialist)503 *Castilleja* sp. please make a generous collection of this.504 ~~comp~~ *Lagascea rigida* (Lam.) (Cav.)505 ~~comp~~ *Brickellia glomerata* Fern.

506 acanth. I can't place this now. Will report later

507 ~~acanth~~ *Tetramerium hispidum* Nees.508 ~~comp~~ *Ipomoea elongata* Choisy (= no. 349).509 *Cuphea* sp. very interesting; please try to get more of this.510 *Euphorbia graminea* Jacq.

6

no 307 *Cuphea tenuipes* Baci.366 *Schizocarpum*. Your new material is this plant.
Please get more of this very interesting plant.101
101A) *Henrya scorpoides* Nees.328 *Ipomoea suffulta* HBK.379 *Ipomoea* sp. Even with the supplementary sending of seeds, this still eludes me. Please make more collections of it.248 *Cratogeomys* ~~vitellina~~ *vitellina* Nes.